

**Fig. 1****SEQ ID NO: 1**

AGAACAGCTTGAAGACCGTTCATTTTTTAAGTGACAAGAGACTCACCTCCAAG  
AAGCAATTGTGTTTTTCAGAATGATTTTATTCAAGCAAGCAACTTATTTTCATT  
TCCTTGTTTGCTACAGTTTCCTGTGGATGTCTGACTCAACTCTATGAAAACG  
CCTTCTTCAGAGGTGGGGATGTAGCTTCCATGTACACCCCAAATGCCCAATA  
CTGCCAGATGAGGTGCACATTCCACCCAAGGTGTTTGCTATTTCAGTTTTTCTT  
CCAGCAAGTTCAATCAATGACATGGAGAAAAGGTTTGGTTGCTTCTTGAAAG  
ATAGTGTTACAGGAACCCTGCCAAAAGTACATCGAACAGGTGCAGTTTCTGG  
ACATTCCTTGAAGCAATGTGGTCATCAAATAAGTGCTTGCCATCGAGACATT  
TATAAAGGAGTTGATATGAGAGGAGTCAATTTTAATGTGTCTAAGGTTAGCA  
GTGTTGAAGAATGCCAAAAAAGGTGCACCAATAACATTCGCTGCCAGTTTTT  
TTCATATGCCACGCAAACATTTTACAAGGCAGAGTACCGGAACAATTGCCTA  
TTAAAGTACAGTCCCGGAGGAACACCTACCGCTATAAAGGTGCTGAGTAACG  
TGGAATCTGGATTCTCACTGAAGCCCTGTGCCCTTTCAGAAATTGGTTGCCA  
CATGAACATCTTCCAGCATCTTGCGTTCTCAGATGTGGATGTTGCCAGGGTT  
CTCACTCCAGATGCTTTTTGTGTGTCTGGACCATCTGCACCTATCACCCCAACT  
GCCTCTTCTTTACATTCTATACAAATGTATGGAAAATCGAGTCACAAAGAAA  
TGTTTGTCTTCTTAAAACATCTGAAAGTGGCACACCAAGTTCCTCTACTCCT  
CAAGAAAACACCATATCTGGATATAGCCTTTTAACTGCAAAAGAACTTTAC  
CTGAACCCTGCCATTCTAAAATTTACCCGGGAGTTGACTTTGGAGGAGAAGA  
ATTGAATGTGACTTTTGTAAAGGAGTGAATGTTTGCCAAGAGACTTGCACA  
AAGATGATTCGCTGTCAGTTTTTCACTTATTCTTTACTCCCAGAAGACTGTA  
AGGAAGAGAAGTGTAAGTGTTTCTTAAGATTATCTATGGATGGTTCTCCAAC  
TAGGATTGCGTATGGGACACAAGGGAGCTCTGGTTACTCTTTGAGATTGTGT  
AACACTGGGGACAACCTCTGTCTGCACAACAAAACAAGCACACGCATTGTTG  
GAGGAACAAACTCTTCTTGGGGAGAGTGGCCCTGGCAGGTGAGCCTGCAGGT  
GAAGCTGACAGCTCAGAGGCACCTGTGTGGAGGGTCACTCATAGGACACCAG  
TGGGTCCTCACTGCTGCCCCTGCTTTGATGGGCTTCCCCTGCAGGATGTTT  
GGCGCATCTATAGTGGCATTTTTAAATCTGTCAGACATTACAAAAGATACACC  
TTTCTCACAAATAAAAGAGATTATTATTACCAAAACTATAAAGTCTCAGAA

GGGAATCATGATATCGCCTTGATAAACTCCAGGCTCCTTTGAATTACACTG  
AATTCCAAAAACCAATATGCCTACCTTCCAAAGGTGACACAAGCACAATTTA  
TACCAACTGTTGGGTAACCGGATGGGGCTTCTCGAAGGAGAAAGGTGAAATC  
CAAATATTCTACAAA  
AGGTAAATATTCCTTTGGTAACAAATGAAGAATGCCAGAAAAGATATCAAGA  
TTATAAAATAACCCAACGGATGGTCTGTGCTGGCTATAAAGAAGGGGGGAAAA  
GATGCTTGTAAGGGAGATTCAAGGTGGTCCCTTAGTTTTGCAAACACAACGGAA  
TGTGGCGTTTGGTGGGCATCACAGCTGGGGTGAAGGCTGTGCCCCGCAGGGA  
GCAACCTGGTGTCTACACCAAAGTCGCTGAGTACATGGACTGGATTTTAGAG  
AAAACACAGAGCAGTGATGGAAAAGCTCAGATGCAGTCACCAGCATGAGAAG  
CAGTCCAGAGTCTAGGCAATTTTTTACAACCTGAGTTCAAGTCAAATTCTGAG  
CCTGGGGGGTCCTCATCTGCAAAGCATGGAGAGTGGCATCTTCTTTGCATCC  
TAAGGACGAAAGACACAGTGCACTCAGAGCTGCTGAGGACAATGTCTGCTGA  
AGCCCGCTTTCAGCACGCCGTAACCAGGGGCTGACAATGCGAGGTCGCAACT  
GAGATCTCCATGACTGTGTGTTGTGAAATAAAATGGTGAAAGATC

**Fig. 2****SEQ ID NO: 2**

MILFKQATYFISLFATVSCGCLTQLYENAFFRGGDVASMYTPNAQYCQMRCT  
FHPRCLLFSFLPASSINDMEKRFGCFLKDSVTGTLPKVHRTGAVSGHSLKQC  
GHQISACHRDIYKGVDMRGVNFNVSKVSSVEECQKRCTNNIRCQFFSYATQT  
FHKAERYNNCLLKYSPPGGTPTAIKVLSNVESGFSLKPCALSEIGCHMNIFQH  
LAFSDVDVARVLTPDAFVCRTICTYHPNCLFF  
TFYTNVWKIESQRNVCLLKTSESGTPSSSTPQENTISGYSLLTCKRTLPEPC  
HSKIYPGVDFGGEELNVTFVKGVNVCQETCTKMIRCQFFTYSLLPEDCKEEK  
CKCFLRLSMDGSPTRIAYGTTQGSSGYSLRLCNTGDNSVCTTKTSTRIVGGTN  
SSWGEWPWQVSLQVKLTAQRHLCGGSLIGHQWVLTAAHCFDGLPLQDVWRIY  
SGILNLSDITKDTPFSQIKEIIIHQNYKVSEG  
NHDIALIKLQAPLNYTEFQKPICLPSKGDSTIYTNCWVTGWGFSKEKGEIQ  
NILQKVNIPLVTNEECQKRYQDYKITQRMVCAGYKEGGKDAACKGDSGGPLVC  
KHNGMWRLVGITSWGEGCARREQPGVYTKVAEYMDWILEKTQSSDGKAQMOS  
PA

**Fig. 3****SEQ ID NO: 3**

5' - ccctttcagaaattggttgc -3'

**Fig. 4****SEQ ID NO: 4**

5' - tggcaacatccacatctgag -3'

**Fig. 5****SEQ ID NO: 5**

5' - catgaacatcttccagcatcttgcg -3'